

ABSTRACT OF THE DISCLOSURE

Gain coefficients g_1 to g_4 of image data to
undergo a sharpness correction and a high-frequency
component F of the overall image are calculated. The
5 gain coefficients g_1 to g_4 are decreased in value the
larger the high-frequency component F of the overall
image and increased in value the smaller the high-
frequency component F of the overall image. In a
situation where the high-frequency component F of the
10 overall image is large and it is feared that noise will
be emphasized by applying a sharpness correction, the
gain coefficients for the sharpness correction are
reduced. This assures that noise will not be
emphasized even if the sharpness correction is applied.